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Attorney Docket Number

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/043,601

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First Named Inventor Satoshi Shinada, et al.

Art Unit 2861

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448563/0203

(Use as many sheets as necessary)

U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Name of Patentee or Publication Date Document Number Examiner Applicant of Cited Document Relevant Passages or Relevant MM-DD-YYYY No. Initials* Figures Appear Number-Kind Code² (# known) US- 6,250,750 Miyazawa et al. 6-2001 US- 6,312,115 11-2001 Hara et al. US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
		Country Code ³ Number ⁴ Kind Code ⁵ (# known) GB-2316037-A	2-18-1998	Seiko Epson Corp.				
•1••••••	 	EP-0827334-A2	3-4-1998	Seiko Epson Corp.	(Engl. Orig.)			
	1	JP 8-224894	9-3-1996					
***************************************	†	JP 03-150167	6-1991		***************************************			
	1	JP 01-99633	4-1989					

Examiner Signature	Date Considered	
Olgitature	1	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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